

the message. The mobile device can also have other features as well, e.g. a digital camera.

[0038] It should be noticed that while newer version (e.g. 3GPP SMIL) of MMS SMIL emerge to market, there will be a question about the interoperability between it and the MMS SMIL. As discussed before the basic difference between them is the difference of presentation model and profile. The MMS SMIL, for example, introduces a particular presentation of model "slideshow" which divides the presentation into a series of consecutive slides, each slide containing one image and one text and one audio. The slides define the necessary SMIL elements to realize the presentation model. On the contrary, 3GPP SMIL is a genuine profile which does not imply particular presentation model, but unlimited number of different presentations and variations may occur, including the one defined by MMS SMIL.

[0039] The current invention enables that the printable output forms a slide of a slide presentation, wherein it can be applied in the conversion of 3GPP SMIL to MMS SMIL. Naturally one printable output forms one slide and many printable outputs form many slides. While considering the conversion of 3GPP SMIL to MMS SMIL it will be clear that exactly same presentation may not result, which can be considered a similar problem than with aforementioned printing of multimedia messages. However, the 3GPP SMIL presentation that is printed according to the invention, is possible to convert to the MMS SMIL presentation using the following additional steps:

[0040] a) consider each output 3GPP SMIL page as one MMS SMIL slide

[0041] b) convert all images and other media to one single image on each slide

[0042] c) construct MMS SMIL presentation based on the created slides.

[0043] By this the use of MMS SMIL instead of the 3GPP SMIL is possible.

[0044] It will be clear that variations and modifications of the examples of embodiment described are possible without departing from the scope of protection of the invention as set forth in the claims.

1. A method for printing an electronic presentation, the method comprising steps for processing a presentation data, wherein the method comprises steps for forming at least one printable output from said electronic presentation that comprises multiple events, by defining a temporal aspect of said events, whereby the printable output is formed based on said temporal aspect.

2. The method of claim 1 further comprising step for defining a temporal aspect by an onset of each event in the presentation.

3. The method of claim 1, wherein from one to, in maximum, as many printable outputs are formed as there are printable events in the presentation.

4. The method of claim 1, wherein one or more events are located in layout locations of the presentation.

5. The method of claim 4, further comprising steps for studying a spatial aspect of each event by defining the layout location of each event.

6. The method of claim 5, further comprising steps for combining events into single output, if their layout locations differ from another, and otherwise keeping them on separated outputs.

7. The method of claim 6, wherein the single output is printed on a same printout, whereas the separated outputs are printed on their own printouts.

8. The method of claim 1, wherein the presentation is a multimedia message and an event is an appearance of a media object of one of the following group: editable text, non-editable text, image, animation, video, streaming video, audio converted to image or to text.

9. The method of claim 1, wherein the printout is printed to one of the following group: a file, a hard copy.

10. The method of claim 1, wherein the printable output forms a slide of a slide presentation.

11. A device for producing a printable output of an electronic presentation, the device comprising means for processing a presentation data, wherein the device comprises means for forming at least one printable output from said electronic presentation that comprises multiple events, by defining a temporal aspect of said events, whereby the forming of a printable output is based said temporal aspect.

12. The device of claim 11, wherein the temporal aspect is based to an onset of each event in the presentation.

13. The device of claim 11, the device is arranged to form from one to, in maximum as many printable outputs as there are printable events in the presentation.

14. The device of claim 11, wherein said presentation comprises layout locations for one or more events.

15. The device of claim 14, further comprising means for defining the layout location of an event.

16. The device of claim 15, further comprising means for combining events on the one output, if the layout locations of an event differs from the layout location of another object, and otherwise keeping them on separate outputs.

17. The device of claim 11, wherein the presentation is a multimedia message, wherein the device is arranged to process objects from at least one of the following groups: editable text, non-editable text, image, animation, video, streaming video, audio converted to image or text.

18. The device of claim 11, further comprising means for communication through a wireless telecommunications network.

19. The device of claim 11, further comprising a camera.

20. The device of claim 11, further comprising means for displaying the presentation.

21. The device of claim 11, wherein the printout is in one of the following forms: a file, a hard copy.

22. A system for printing an electronic presentation, the system comprising means for processing a presentation data, wherein the system comprises means for forming at least one printable output from said electronic presentation that comprises multiple events, by defining a temporal aspect of said events, whereby the forming of a printable output is based on said temporal aspect.

23. The system of claim 22, further comprising means for defining a layout location of each event in the presentation.

24. The system of claim 22, wherein the system is arranged to combine events on one output, if the layout location of one event differs from the layout location of another event, and otherwise keeping them on separate outputs.